CLAIMS

1. A node selecting method in which a mobile node moving among a plurality of nodes substantially uniformly dispersedly arranged selects a candidate node for next communication, characterized in that the mobile node executes:

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a first step of specifying nodes present within a communication zone of the mobile node;

a second step of counting the number of overlaps between a communication zone of the specified node and communication zones of the other specified nodes for each specified node; and

a third step of selecting, as the candidate node for communication, the specified node in which the largest number has been counted.

2. A node selecting method in which a mobile node moving among a plurality of nodes substantially uniformly dispersedly arranged selects a candidate node for next communication, characterized in that the mobile node executes:

a first step of specifying a neighbor node present within a communication zone of the mobile node;

a second step of specifying a neighbor node present within a communication zone of the neighbor node;

a third step of counting the number of

specifications in the first and second steps for each neighbor node; and

- a fourth step of selecting, as the candidate node for communication, the neighbor node in which the number of the specifications in a predetermined order is large.
- 3. The node selecting method according to claim 1 or 2, characterized in that the selection is not performed, if the specified node in which the largest number has been counted is the same as a node with which the mobile node is currently in communication.
- 4. The node selecting method according to claim 3, characterized in that when there are a plurality of specified nodes in which the largest number has been counted, an arbitrary one node is selected.
- 5. The node selecting method according to claim 1, characterized in that the mobile node executes the first to third steps at predetermined periods.
- 6. The node selecting method according to claim 2, characterized in that the mobile node executes the first to fourth steps at predetermined periods.

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7. The node selecting method according to claim 5 or 6, characterized in that the predetermined period is

changed in accordance with a movement speed of the mobile node.

8. The node selecting method according to claim 5 or 6, characterized in that the predetermined period is changed in accordance with an arrangement density of the plurality of nodes.